GRUMMAN plane news

Vol. 40, No. 8, April 24, 1981. Bethpage, N.Y. 11714

Touchdown!

- pg. 4

Super walkers, ready for trek?

This Sunday, April 26, don't be a watcher — be a walker. Two days from now, thousands of Americans will join the fight against birth defects by participating in March of Dimes' walkathons across the nation.

Two "Super Walks" will be held this Sunday on Long Island. The Nassau County walk begins at Eisenhower Park in East Meadow; the Suffolk walkathon starts at Colonie Hill in Hauppauge. Both "Super Walks" kick off at 8 a.m. — rain or shine. The East End walkathon is slated for May 3 at Southampton College at 9 a.m.

Never too late

You haven't registered yet for this 25-km. (15 1/2-mile) event? No sweat. Your local Employee Services representative has registration cards and sponsor sheets available.

Your ESO is closed? Don't worry. You can register the day of the walk at the special Grumman sign-in tables at both Eisenhower Park and Colonie Hill.

Grumman walkers can pick up their complimentary Grumman visors at these sign-in tables. All Grumman "Super Walk" participants *must check-in* at these tables before starting the walkathon.

Green light

Walkers are reminded to carry their sponsor sheets with them throughout the walkathon. About every three miles, there is a checkpoint station where you must have your sponsor sheet validated. Also available at these checkpoints are free snacks, portable restrooms, water, portable telephones, and people to help with special problems such as lost sponsor sheets.

If you should suffer from fatigue, have no fears. There are poop-out stations at these checkpoints. Transportation to the finish line is provided for those who are too tired to complete the trek.

All Grummanites who finish the 25-km. course are eligible to win special prizes, such as dinner for two at a local restaurant. You must complete the entire walkathon to be eligible.

Aside from being an ideal way to burn up 1,550 calories, the "Super Walk" is first and foremost the annual March of Dimes' fundraiser. Your relatives and friends who pledge money for each kilometer you walk are helping to support medical research and services to help the young. March of Dimes reports that one out of every 12 children is born with birth defects.

The donation per kilometer can range from nickels to dimes to quarters to bills. Every little bit helps.

One final note

Remember to follow the foot tips on this page. After the 25-km. "Super Walk," your feet will be super happy you did.

Need a ride?

AMITYVILLE: to Headquarters Plt 111 need a ride, must be to work at 8:00 am. L. Miller X6578/6437/691-6550

BROOKLYN: Ocean Pky to Bethpage, need 1 or 2 people to join existing 2 man car pool. 8:00-4:30. H. Barina X9730/(212) 851-5173

BROOKLYN: (Canarsie) to Plt 1, 7:48-4:18 pm. M. Kraten X6114(212) 251-6087

WEST ISLIP: Hunter/Higbie/Udall area to Plt 5 or 25, 8:00-4:30 pm. N. Obreiter X8215/661-0282

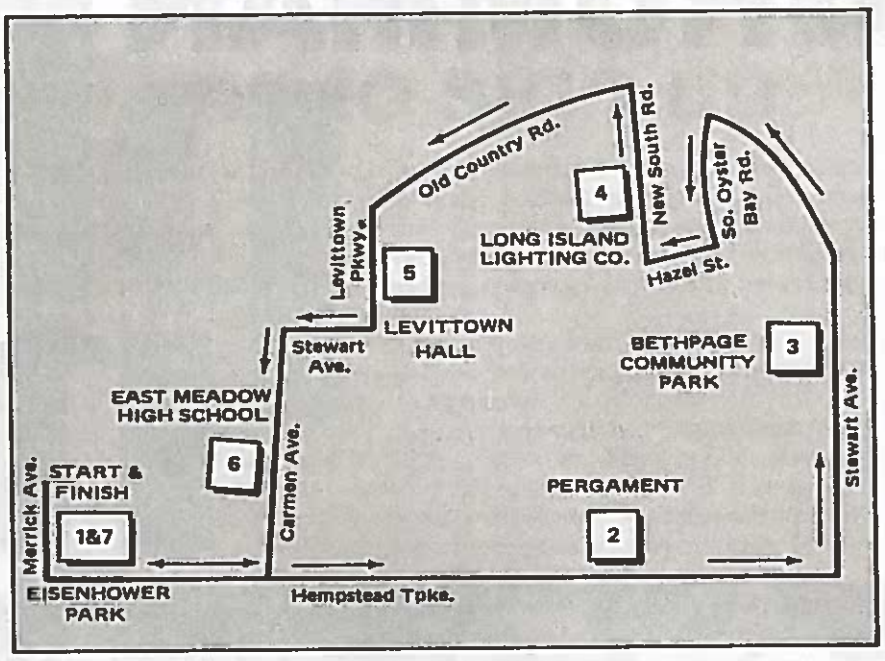
SMITHTOWN AREA to Plt 25: Form or join car pool, 8:12am to 4:42pm, flexible. J. Rigsby X6445/265-7779

THREE VILLAGE AREA: to Bethpage, 1 or 2 persons to join car pool, 8-4:30. D. Tveter x 6414

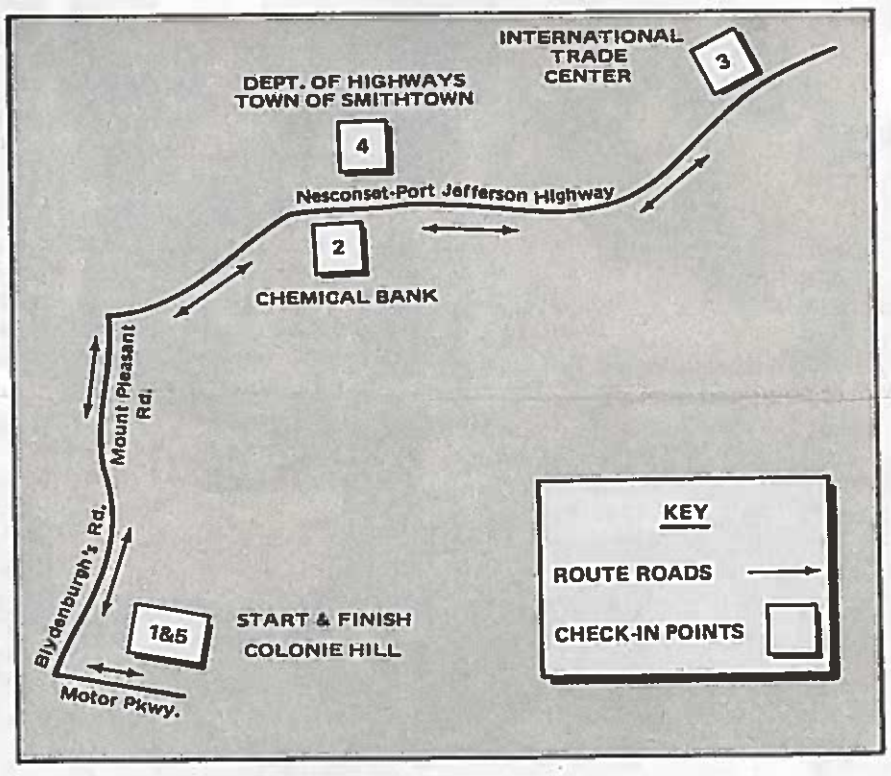
Happy tootsies

These foot tips are offered by Dr. Neal Houslanger of the Nassau County Podiatry Society.

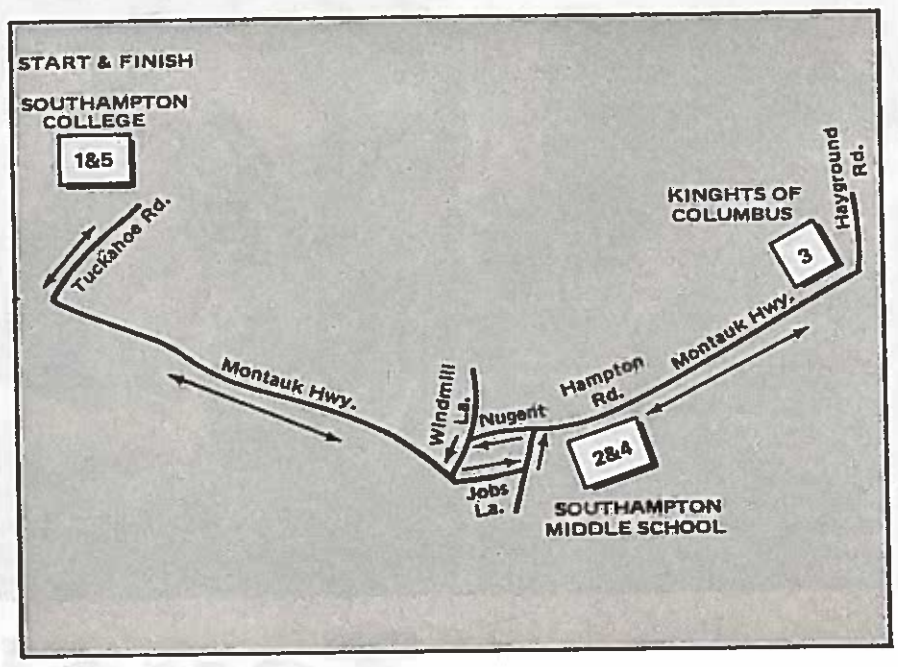
- The night before and after the walk soak up to the ankles in warm water and Epsom salts (2 tablespoons per pint) for 20 minutes.
- Apply Tincture of Benzoin to any pressure areas, such as: the balls of your feet, the top of the little toes and the side of the big toe joint. Then,
- Rub in a hand cream to both feet but *not between your toes* (Keri lotion, Vaseline, intensive care lotion, etc.) Then,
- Powder all areas including between the toes.
- Wear two pairs of white cotton socks and a comfortable pair of shoes, preferably a laced oxford with a crepe sole. (Don't wear high heels, platforms, earth shoes or clogs.)
- If you think you may have something wrong with your feet, make an appointment with a podiatrist before the walk.
- Remember to have a good breakfast.



NASSAU SUPER WALK



SUFFOLK SUPER WALK



EAST END SUPER WALK

Pave mover tests progress right on target

The Air Force is conducting the first flight tests of an advanced radar system being developed by Grumman and Norden Systems. The system, called Pave Mover, is designed to detect and track surface targets at long range and provide target information to attacking aircraft and missiles.

The radar operates from an F-111A during the tests, which are expected to run through May at Grumman's Calverton facility.

Grumman, the prime contractor, was awarded a $9.5-million contract in August, 1978, from the Air Force's Rome (N.Y.) Air Development Center. The Air Force and the Defense Advanced Research Projects Agency (DARPA) are jointly funding the program.

Joint effort

As it is being designed, Pave Mover will be a part of a joint Air Force/Army program. The Army is developing two new surface-to-surface missile systems called Corps Support Weapons Systems.

These missiles, or attacking aircraft, will be directed against targets by a continuous, constantly updated flow of information from a Pave Mover-equipped aircraft.

A joint test of the systems will take place this spring at the White Sands, New Mexico, missile range.

According to Al Gurkewitz, the Grumman program manager, Pave Mover offers significant advantages. "A unique feature of our system is its ability to detect and track targets which are moving slowly.

"To be able to pinpoint targets in those situations denies an enemy a once-effective means of avoiding detection," Gurkewitz says.

"We learned quite a bit from our experience with A-6s in Vietnam," he explains. "The enemy there learned to slow or stop their vehicles if they heard an A-6 making an attack run. When they did that, the plane often lost its target because the radar couldn't 'see' the stationary target in the terrain."

Check out. *A Grumman plane captain checks the F-111, equipped with the new Pave Mover radar system, before a test flight.*

obituaries

ROBERT P. STACHE of Welding Group, Pl. 2, died March 28 at the age of 63. He had been with the company since 1965 and resided at 17 Brookfield Rd., Northport.

ROBERT F. WILLIAMS of Insp-Mechanical, Pl. 2, died April 2 at the age of 59. He had been with the company since 1965 and resided at 15 Spinning Wheel Rd., Apt. 5B, Massapequa.

GRUMMAN plane news

Published twice a month for the employees of Grumman Aerospace Corporation, Bethpage, N.Y. 11714, as a function of the Public Affairs Department, Brian Masterson, director.

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New paint job for EA-6B: out of sight

The Navy believes it's a case of "Now you see it, now you don't."

The first of four EA-6Bs to be painted in the Navy's new camouflaging color scheme rolled out of Grumman's Calverton paint shop on March 25. The four electronic warfare planes are being painted in three shades of gray.

They will then be deployed aboard the *U.S.S. Eisenhower* for the first test of the color scheme under operational conditions.

"These coatings approximate the reflections of the sky and the backgrounds where our aircraft operate," says Dave Hornick of the Navy's Aircraft Survivability section.

They work quite well, too, according to Grumman's EA-6B program director Dan O'Neill. "EA-6B squadron VAQ-133 used the colors in tests out West. They were extremely difficult to see in the desert terrain, especially from above.

"The easiest way to find them," he says, "was to look for their shadows on the ground." According to O'Neill, what occasionally revealed the planes was the glint of the sun off their canopies.

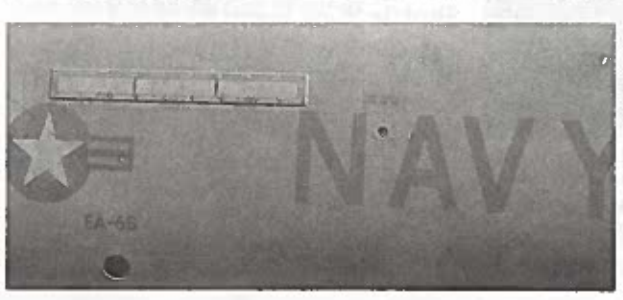
Gone are the red, white and blue insignia. The stars and bars will be painted in shades of gray, and will be much smaller, too.

There will be no more brightly colored control surfaces, either. "During close-in combat, those would give the enemy lots of visual clues about what the pilot was doing," says Hornick.

Eliminating the bright colors from all the warning signs on the aircraft won't cause any safety problems, Hornick says. The Navy feels that there is enough contrast between the shades of gray to make the warning signs obvious to anyone working around the planes. Tests with similarly camouflaged aircraft have borne this out.

The Chief of Naval Operations has approved the color scheme for all production F-18s. Approval for all the Navy's fighter and attack aircraft, which includes the Grumman-built F-14s and A-6s, is expected soon.

A camouflage paint scheme for Grumman's E-2Cs will be final by the end of the next fiscal year, Hornick says.



New look. *Goodbye, red, white and blue insignia (above L). Hello, shades of gray (below L). In the future, all Navy/Grumman EA-6Bs will sport a new camouflage paint job, featuring shades of gray.*

Touchdown brings Shuttle wing team to new heights

PLANT 25, BETHPAGE, N.Y., April 14, 1981 — Scores of Grummanites who work on the Shuttle Wing program are gathered around the two television screens here. *Columbia* is bound for home — on Grumman wings.

To the diehard veterans of the Apollo era, the scene brings back thoughts of excitement, glory and high-pitched emotion. "This is what it was like during Apollo," says one oldtimer. "Some of these 'kids' here were influenced in their career choice by those years. If the Shuttle mission is a success, they will get a touch of what I felt when the first LM landed on the moon."

People are crowded around the TV screen listening for word on the Shuttle Orbiter which has just gone into a communication black-out. Then, "Hello, Houston, *Columbia* here!" The crowd bursts into applause.

Silence returns. The supersonic tracking aircraft starts sending back live coverage of the Shuttle making its descent. A warm round of applause breaks the silence, but the Grumman Shuttle Wing team is anxiously waiting for the final approach to the Rogers Dry Lake at Edwards Air Force Base in California.

The wings are in use for only 32 minutes of the flight — from reentry until landing — a distance of approximately 4,300 miles.

Television people from CBS and Channel 21 start mingling with the Grummanites. Some welcome CBS Long Island Correspondent Dave Monsees who was here the preceding Friday during the aborted launch. One Grummanite tells Dave, "If you think the launch was exciting wait until you see the landing." Another gives the TV reporter the thumbs-up sign.

Astronaut John Young's voice is heard loud and clear, "What a way to come to California!" The Shuttle team members break into laughter.

More interchanges take place between Young and Bob Crippen and ground control. The *Columbia* begins its final approach. A seasoned engineer leans over to his coworker who was just a kid when the NASA/Grumman LM landed on the moon more than a decade ago. "This is it," he whispers to the young engineer. Both men stare at the tube.

"Come on, baby!" murmers an engineer with an unlit cigar clutched between his teeth.

"Five, four, three, two, one."

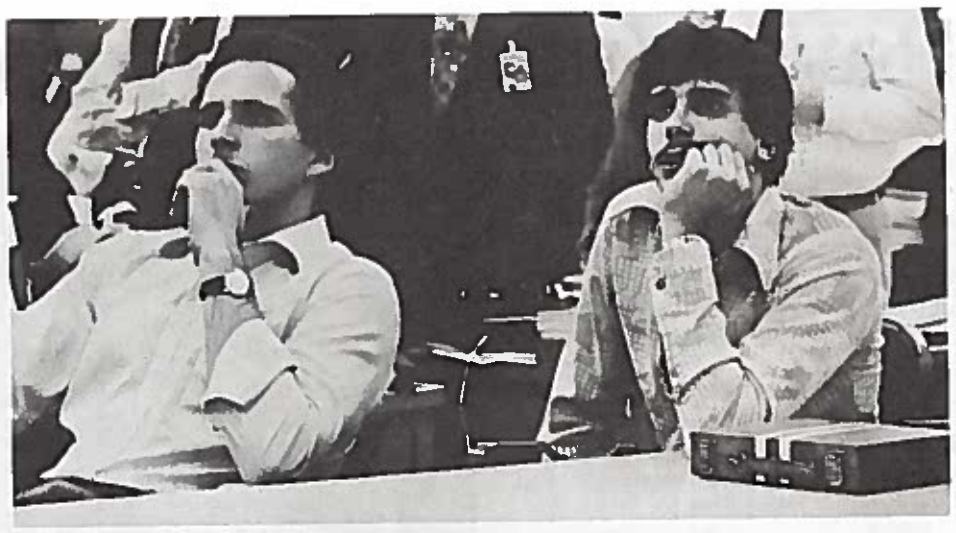
Touchdown.

The crowd claps and cheers. The TV cameramen try to capture the moment on tape. Some attendees are misty-eyed, others are slapping each other "fives."

A big poster made for the event is rolled out: "Congratulations, Shuttle Wing team!"

Grummanites from the Future Space Studies group who work down the corridor join the happy, jubilant group.

Some shake hands with the Shuttle Wing team members as if to say thanks. One engineer slaps his co-worker on the back. "*Now*, it begins."



Before and after. *In Plant 25, Grummanites keep close tabs on the Space Shuttle* Columbia *as it makes its final approach (above and at R). After the successful landing, the crowd cheers proudly (below). (Photos by Fred Annette)*

Personals

I wish to state my sincere gratitude to my friends and co-workers for their expressions of sympathy and support during the recent loss of my father. John E. Carr

We wish to express our deep appreciation for the kindness and understanding of our recent loss. The McGowan Family

We wish to express our deepest gratitude and heartfelt thanks to all of Ed's friends. Just knowing he had so many friends was comforting to us. The Earle Family

I wish to express my deep gratitude to my friends and co-workers for their thoughtfulness and expressions of sympathy during the recent loss of my father. John Peck

The family of W. Wilkins acknowledges with grateful appreciation your kind expression of sympathy.

Sincerest thanks to all my friends for their kindness and generosity over the loss of my sister Mary Meyer. Bob Robertson and the Meyer Family

I wish to thank my co-workers and friends for their kindness and sympathy following the recent loss of my mother. James F. Nelson and Family

We wish to express our sincere thanks and appreciation for the kind and thoughtful expressions of sympathy during the recent loss of my mother. Nancy DeSimone and Family

We wish to express our sincere thanks and appreciation for the kind and thoughtful expression of sympathy during the recent loss of my father. McKinley Banks and Family

My family and I would like to express our appreciation for all your kindness and sympathy in our recent loss. The Babyak Family

On behalf of my family and myself I wish to express our deepest gratitude for your kindness and warm expression of sympathy during the recent loss of my brother. Eileen and Ronnie Rega

My daughters, Carol Ann and Mary, join me in thanking all of you for the many expressions of sympathy, prayers, generosity, and love that you have shown us. You have touched our hearts by showing us how much you cared for John. Louise Ewald

(Continued on page 12)

Pin meeting marks Milledgeville's growth

MILLEDGEVILLE, GA. — Faron Mullis, who's been with Grumman about two years, was at his job in the trim room when George Skurla, President of Grumman Aerospace, walked by. Skurla had just finished making his first service pin presentation to Grummanites here and was touring the plant. Bill Zarkowsky, vice president — Milledgeville Operations, was showing Skurla Plant 66's night shift in action.

Since people in the trim room wear earmuff-like devices to protect their hearing from the noise of the power tools, it's not easy to exchange words of greeting. So, as Skurla walked by, he pointed his hand at Mullis and smiled. Mullis did the same in return.

To this onlooker, it appeared to be the kind of exchange that takes place between people who know they are working toward the same goal, part of the same team. It was a simple, but significant exchange on an important day in the life of the Milledgeville plant.

George Skurla spent April 2 and 3 here, during which time he presented service anniversary pins to 99 Grummanites. There were two pin meetings: one on Thursday evening for five night-shift recipients, and another on Friday morning for 94 day shift anniversarians.

Since the plant opened its doors in 1975 to manufacture composite parts for Grumman's aircraft lines and subcontract programs, the plant's population has grown to 550.

"When I visited here four-and-a-half years ago," Skurla said to them, "this place was just getting off the ground."

"Let me tell you that you're doing a hell of a job down here. Milledgeville is here to stay and grow in the composites business."

Saw it all. *President George Skurla, flanked by Bill Zarkowsky, vice-president — Milledgeville Operations, and Tom Lahey (R), Milledgeville's deputy general manager, presents Personnel's Jackie Morris with her anniversary pin. Morris is one of the first Georgians to join Plant 66. She's hired many of the 550 people who now work there.*

Frank Messina, vice president — Manufacturing, and Bob Foster, deputy director of Personnel, accompanied Skurla to meet Grummanites in Milledgeville and provide any backup necessary in answering their questions. The chance to ask questions and get answers has been a part of pin meeting tradition since it started with Leroy Grumman and Jake Swirbul. Skurla told the Grummanites here that he speaks to some 4,000 people a year at these meetings.

Questions ranged from the future of Grumman in Milledgeville to the possibility of having more Grumman aircraft visit here in the future.

One person on the night shift asked about the effect of Milledgeville's economy on the future of the plant.

"We believe there will be good job stability for all of you," Skurla said. "You could see the plant grow to perhaps double its present size in four or five years."

During the meeting on Friday, Skurla was asked if the company would continue to pursue subcontract work. In that area, Milledgeville produces composite parts for Grumman's Boeing and Sikorsky programs, among others.

"Absolutely," was Skurla's answer, "but on a very selective basis. We look for long run and potential return to the company. So far, we've been very wise in our choices."

And here he answered an unasked question.

"Some people on Long Island feel that we're taking business out of Long Island. That's not true. Whenever we win a contract," he said, "everyone gets a piece of the action."

The reaction to Skurla's visit was much the same among many Grummanites here.

"He makes us feel like we're part of the team," Jo Haralson said. "It makes us feel like the company is going to stay here."

"Job security is important, especially around here," Randy England said.

Allen Cooper said, "I like the way questions were asked and the way he answered them."

Skurla told a group of the plant's managers before he left here, "We made a smart move when we dedicated a plant to this kind of work. You've got a good team operating here, and they've got good spirit."

Greeting. *Skurla talks with John Moss (C), a three-year Grummanite, and Zarkowsky. Says Moss, 'I'm proud of our workmanship.'*

Grumman scholarships

Introducing the class of '81...

By the time parents get finished with paying for shoes that are outgrown every six weeks, 10-speed bicycles, and trips to the orthodontist, it's time to brace themselves for the biggest single expense of raising a child: college tuition.

Twelve high school seniors will help ease that pain for their parents. They have been named the winners of the 1981 Grumman Science and Engineering scholarships and will receive up to $3,500 a year for four years undergraduate tuition expenses.

Of the 12, five students are Grumman dependents, and seven were winners in the open competition. All are judged on the basis of their college board scores, achievement in school, and personal interviews.

In addition to financial assistance, the scholarship also includes the promise of summer employment at Grumman, and, provided that an appropriate position is available, a job offer after graduation.

Winners may select any accredited engineering school, and must choose a major consistent with a career goal in engineering or major supporting area of company activities. Engineering students may specialize in aerospace, chemical, civil, electrical, industrial or mechanical engineering. Science students may choose applied mathematics, chemistry, computers, materials, or physics.

"Enthusiasm and involvement" are important characteristics of a winner, according to Bill Wenzel of the Scholarship office. Students must be in the top 20 percent of their class just to enter the competition. "Scholastic achievement, especially in math and science, are very important. But we also look for personal growth and maturity, poise, the ability to communicate," Wenzel explains.

"Typically, winning students show a great deal of innovative ability . . . they're building things, designing, developing projects and involved in independent study," says Wenzel. "We also consider their part-time jobs, hobbies, and after-school activities. These things are all indicators of a student's energy and direction."

Since the program began in 1944, 403 students have won Grumman scholarships. Wenzel estimates that about half of each class goes on for a PhD. degree.

Have the scholars as a group changed much over the years? Wenzel doesn't think so. "Year after year, those same qualities — intensity, creativity, technical involvement — mark the winners. The areas of interest have changed, however. A greater percentage of them are working with computers and plan to make that their career. There's much more available to them now . . . it's a bigger technological world."

This year, Wenzel notes, the competition was especially tough. "We had well over 500 applicants," he says, "the largest group ever."

In the Grumman dependents category, the winners are:

Haynal family. *Randy, Richard, Susan, Bob and scholarship winner Russell.*

Russell Haynal

Russell Haynal is the son of Bob Haynal, an engineer in Plant 8.

Russell became interested in computers when he took a Saturday morning course at SUNY Stony Brook. He now runs the computer lab at Riverhead High School and tutors other students. The teachers come to him for help, too: he has helped them code programs for math, chemistry, and physics.

A member of Mathletes, Russell won the silver medal in the Long Island Math Fair. Writing is another interest: he has been a reporter and editor for his school paper.

In the community, Russell has been active in fund raising for the Rotary and the Lion's Club, and has been the youth representative for his church's finance committee for the past three years. Snow skiing, water skiing, and sailing are his favorite activities when he can find some leisure time — not easy to do when you have a part-time job that takes up 20 hours a week during the school year.

Russell plans to major in electrical engineering at Rensselaer Polytechnic Institute in the fall.

Michael Levy

Michael Levy is the son of Paul Levy, an engineer in Plant 40.

Michael has served on the student council at Half Hollow Hills West High School in Dix Hill for four years, and also writes for the school's literary magazine. He won a silver medal at a math fair last year and won first prize this year. Michael was one of the judges at the St. John's University Junior Science and Humanities Symposium.

Several years ago, he became interested in metal sculpture and taught it last summer at a camp. Music is another one of his interests; he has been playing blues guitar for about two years.

Although he has strong interests in the arts, Michael believes that a career in engineering requires "the same creativity, presents the same challenges . . . it's another kind of inventing."

He will choose between Cornell and the University of Pennsylvania and plans to major in electrical engineering.

Levy family. *Marilyn, Paul and scholarship winner Michael. Bruce is attending Cornell.*

Joseph Verzulli

Joseph Verzulli is the son of Plant 40's Joseph Verzulli, who is an electrical engineer.

Joseph will be the valedictorian for the 1981 graduating class of Comsewogue High School in Port Jefferson Station, and has won awards for having the top average in all subjects. He scored 100 percent on the New York State Regents exams for Math 9, 10, and 11, as well as biology and chemistry. Joseph is also attending a calculus course at SUNY at Stony Brook, and a course on probability and statistics at BOCES.

He has been on the wrestling team for two years and is captain of the cross-country track team.

Robots and computers are long-standing interests. He has built two robots and is working on third. "Simon" will be three and a half feet tall, computer controlled, and will be able to move around, avoid obstacles, and pick things up with a manipulator arm.

Joseph will enter Massachusetts Institute of Technology in the fall to major in computer science.

Verzulli family. *Patti, Lee, Joseph, scholarship winner Joseph and Chris.*

Kolensky family. *Kathryn, William, scholarship winner Claire, Kathleen, Richard and Paul.*

Claire Kolensky

Claire Kolensky is the daughter of William Kolensky, a computer systems analyst in Plant 30.

Claire has been interested in computers for the past two years, since she took a programming course in SUNY at Farmingdale. She plays in the school band at Massapequa High School, and has been first flutist for three years. She is first chair in the school orchestra, first flutist in the All County Band, and is a member of her church folk group.

Claire is a soccer referee, and was on the Eastern Seaboard Championship soccer team. She also likes to run — she has finished two marathons and is getting ready for another one on May 3. A member of the track team at school for three years, Claire made All Division All Star for cross country. Through the "Big Sister" program, she spends three hours a week with a 12-year-old girl who is the child of divorced parents. Claire has also been a Candy Striper, and works after school in a department store.

Although she is very sure that she wants to major in computer science, she has not yet decided on what school she will attend. Yale would be her first choice.

Robert Reichel

Robert Reichel is the son of Herman Reichel, who works in Plant 4 — Training Systems Engineering.

Robert is a member of the Math, Science, and Astronomy clubs at Kings Park High School. He's also on the debating team and plays saxophone in the school's jazz band.

Last summer, Robert was co-campaign manager for a local political candidate, writing speeches, and organizing promotional material. A two-time winner of the Long Island Math Fair, Robert will be salutatorian for his graduating class.

When he's not busy with school activities or making hero sandwiches at a local Italian restaurant, Robert enjoys working with computers and is learning microprocessors.

He plans to attend Princeton and will major in physics engineering.

Reichel family. *Scholarship winner Robert; Herman and Evelyn. Randi is attending the University of Maryland.*

Even dozen tapped as '81 Grumman scholars

In the open competition, the winners are:

Edward Benack of Chaminade High School in Mineola. His formula for an acne medication took top honors in a science fair last year and has earned recognition from Johnson & Johnson. He had taken first place three times before for his work on volcanoes, solar energy, and Pascal's triangle.

Edward Benack

He has studied debate and public speaking at the Eastern Debate Institute of C.W. Post College and the Dale Carnegie School. He is fluent in German and Spanish.

At the age of 13, Ed became the youngest Eagle Scout in Nassau County history.

Ed has served as a teenage ambassador to Mexico, and in 1979 was president of Garden City's Organ Donor program. He was also president of Steadgek, a Junior Achievement company for which he sold stock. Ed is a nationally ranked tennis player.

In the fall, he will attend Princeton and major in technology.

David Wang of Sachem High School builds and flies remote-controlled model planes and boats, a hobby which spurred his interest in mechanical engineering.

David Wang

David is taking advanced placement physics this year, and is a member of the math and chess clubs. His entries in the school's science contests have won blue ribbons and other awards.

He will select mechanical engineering as his major this fall when he attends Penn State.

Janice Eisen will be this year's valedictorian at Walt Whitman High School in Huntington. Janice has won first prize for the past two years in the Suffolk County French contest. A staff member of the school newspaper and literary magazine, Janice is also captain of the math team and a member of the computer club. She is a math tutor and a Red Cross volunteer.

Janice Eisen

Last summer, she attended the NASA/Goddard Institute for Space Studies for physics and astronomy.

Janice will attend Massachusetts Institute of Technology in the fall to major in physics.

Lisa Sullivan is editor-in-chief of the yearbook at Cold Spring Harbor High School.

Last year, she won first prize in a bridgebuilding contest in the Physics Olympics at Indiana University; she also took third place in the National Bridgebuilding Contest at the Chicago Institute of Technology. She entered six bridge designs and took the first six prizes in one such contest.

Lisa Sullivan

Lisa is a varsity swimmer and plays lacrosse. She also plays the flute, the piano, and the saxophone. Lisa and two friends are working on the design and construction of a woman-powered plane that will cross Long Island Sound this summer.

She will choose computer sciences or electrical engineering as a major at Brown University.

Eric Holmes is the 1981 valedictorian from Westbury High School, and is the president of his school's chapter of the National Honor Society.

Eric Holmes

Model building is his big hobby; he has built radio controlled cars, boats, and planes, and has written for "Flying Models" magazine.

Eric won a special scholarship to Columbia University and spends all his Saturday mornings there; he also spent a week at Lafayette College last summer for engineering seminars. Eric has studied the cello for eight years.

He plans to major in aeronautical engineering at Princeton in the fall.

Bart Cassidy will graduate at the top of his class at St. Anthony's High School in Smithtown.

He is president of the student council, the camping club, and was president of his sophomore class.

Bart Cassidy

Bart enjoys working behind the scenes, too. He has been stage manager for several productions of the school's drama club, organized homecoming day, and headed up many fundraising drives.

He will select an engineering major at Massachusetts Institute of Technology in September.

Ralph Pallmer of West Hempstead High School recently earned his private pilot's license. But besides learning how to fly airplanes, he's also learning how to fix them. He is taking a BOCES course in aviation power plants, and is in his third year of such courses.

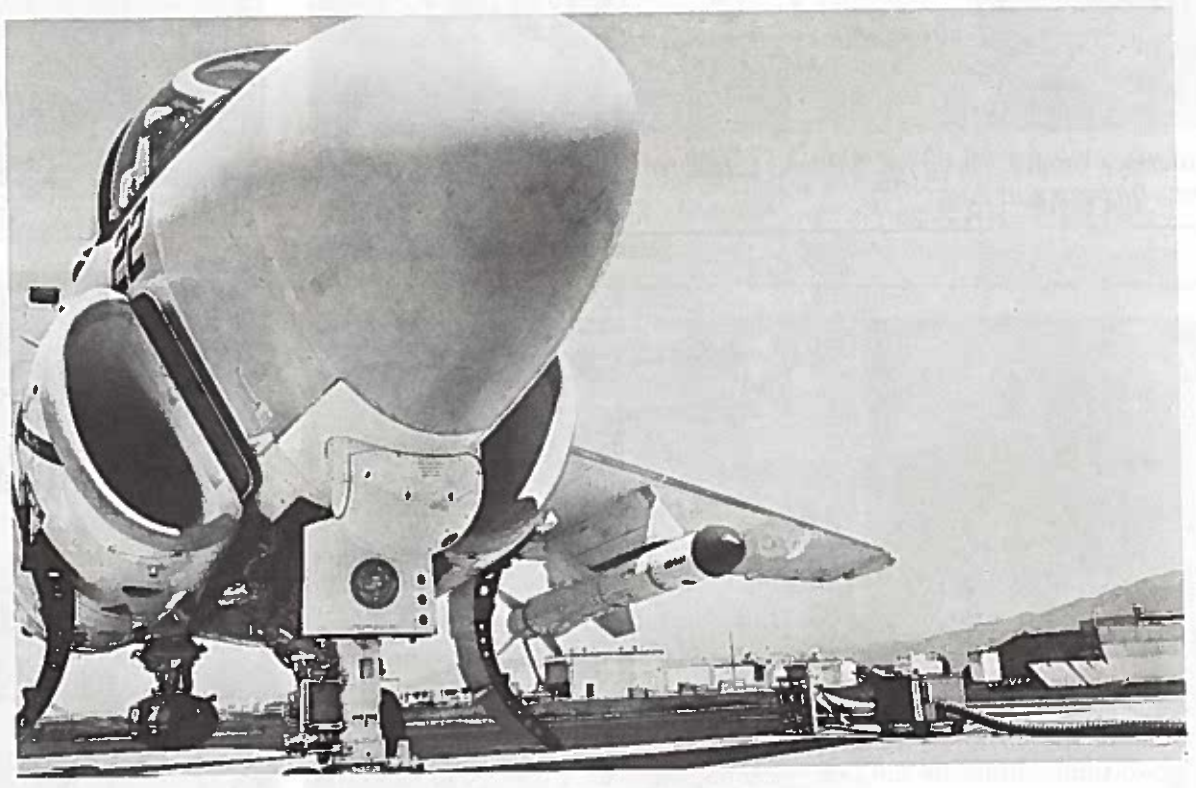
Ralph Pallmer

Ralph is a soccer fullback, a lifeguard, and a member of the football team, the school band, and the ski club. He is also a volunteer at the Holly Patterson Home.

Ralph will attend Renssalaer Polytechnic Institute in September to major in aeronautical engineeering.

In the event that any of the scholars declines the award, his or her place will be taken by one of the four alternate scholars. They are:

Theresa Cronin (the daughter of Jerry Cronin of Grumman Allied Industries) of Northport High School, who will attend Massachusetts Institute of Technology and major in engineering; Steven Friedel (son of Richard Friedel, deputy director of Personnel and Administration Operations) of Huntington High School, who will attend Dartmouth and major in chemistry; Paul Faber of Hauppauge High School, who will attend Renssalaer Polytechnic Institute to major in electrical engineering; and Frank Hurley (son of Frank Hurley of Plant 10 Quality Control Laboratory) of Chaminade High School in Mineola, who will study computer science at Renssalaer Polytechnic Institute.



A whalin'. *In the near future, all Grumman A-6E Intruders going to the fleet will be capable of launching the Harpoon all-weather, anti-ship missile. Tests of Intruders firing the missiles, such as this one at the China Lake Naval Air Station, have been going on for about a year. According to Dan Collins, the A-6 program director, this capability is being built into production A-6Es, and will be added to TRAM (Target Recognition Attack Multi-sensor) update program aircraft this fall.*

H. Schettini

R. Boyce

A. Bokrosh, Jr.

G. Gluick

W. Walsh

H. Anderson

G. Eggart

S. Haizlip

J. Young

service milestones

40

Emil E. Benes, Controls (2)
Evo J. Bontempi, Assy. Method & Plnng. (2)
John E. Crawford, Tool Control (2)
Donald A. Pilling, Prod. Cntl-Parts Cntrl. (4)
Robert S. Gardali, Stockrooms (4)
Richard N. Swanson, Corp. Instr. Sys. (7)
Robert G. Miller, Gen. Subcontract. (30)
Thomas F. Weiss, Op. Qlty. M/S (35)
Joseph H. Peretti Jr., Fluid Pwr/Pyrotech. (40)
John P. Jones, QC Qual. Eng. (40)
Vincent C. Saputo, Mech. Struct. & Assy. (43)
Robert W. Cheshire, Mech. Detail & Fin. (43)

35

Richard J. Cyphers Jr., Mfg. M/S (2)
Ernest J. Anzalone, Flt. Ops. (4)
John H. Culleton, Vehicle Liaison Eng. (9)
Alexander J. McRae, Structures Anal. (25)
Lois H. Starrett, ILS Supp. Ops. Mgmt. (30)
Paul W. Tracy, Struct. Des. (32)

30

Robert Skolnick, Sub-Assy. (1)
James K. Regan, Fuselage Assy. (1)
Harry Horyczun, BPA Qual. Eng. Prod. Supp. (1)
Richard A. Percy, Welding Group (2)
John Cusanelli Jr., Machine Shop (2)
Robert Lomot, Honeycomb Prefit (3)
Richard A. Duester, Insp-Mech. (3)
Thomas F. Melia, Insp-Mech. (3)
Philip A. Pascucci, Flt. Op/Gulf (O & R) (4)
Joseph Troccoli, Prod. Supv. (4)
William T. Merrel, Prod. Plnng. (5)
Reginald Danielson, Food Service (5)
Catherine F. Baird, Financial Ops. (5)
Edward L. North, Proposal Ops. (5)
John S. Meagher, Corp. Contracts (5)
Kenneth Schulz, Structures (6)
Walter E. Becher Jr., Methods Elect. Tech. Sys. (6)
Paul D. Burke, Insp-Tooling (11)
Paul Baruccheri, Shipping Inspect. (17)
Egidio R. Perugi, Controls & Mech. (25)
Jack C. Combs, Operations (25)
Richard E. Addiss, Production (25)
Vito Palazzolo, Prod. Cntl-Parts Control (30)
Herbert S. Phillips, Procurement Servs. (30)
Clarence T. Lohse, Matl. Mgt. M/S (30)
Richard G. Erdody, ILS Supp. Ops. Mgmt. (30)
John E. Weidmann, Electromech. Des. (35)
Donald J. Vazquez, Field Ops. Serv. (35)
Charles Burke, Non-Metals-Fin. Eng. (40)
Matthew D. Taibi, Mech. Struct. & Assy. (43)
William Wiederkehr, Maint. Admin. (56)
Joseph Dragotta, Subcontract. Surveil. (87)

25

Henry D. Schettini, ILS Reqt. Def. (1)
Ronald W. Boyce, Stockrooms, (2)
Andrew Bokrosh Jr., Maint. Wast. Dispos & Grond (2)
George Gluick, Food Service Acct. (2)
William F. Walsh, Prod. Cntl-Parts Cntrl. (3)
Robert E. Kiebitz, Corp. Plnng Cntrl & Budg. (5)
Francis Tallman Jr., Support (6)
Howard Anderson, Assy. Methods & Plnng. (6)
Gottfried G. Eggart, Machine Shop (6)
Stephen Haizlip, Final Assy. Insp. (6)
Richard L. Podlaski, Structures (7)
John D. Young, Prod. M/S (7)
Earl Baker, Electronic Test (14)
Lauretta Kinscherf, Distrib. Servs. (15)
William E. Stanton III, Prog. Contracts (25)
Efrain Jimenez, Controls & Mech. (35)
Donald K. Getrost, QC Inspect. Plnng. (35)
James M. Myles, Non-Metals-Fin. Eng. (40)
Terrell Kirk, Manager South Western Regional Office

E. Baker

L. Kinscherf

W. Stanton

E. Jimenez

D. Getrost

J. Myles

T. Kirk

20

Peter S. Della Pietra, Convent. Machs. (3)
Arthur T. Berry Jr., BPA Mach. Parts Insp. (3)
Robert T. Wesnofske, Prog. Contracts (4)
Pellegrino M. Petruzzelli, Instr. Plnng. & Cntrl. (5)
Stanley Sakowski, Struct. Test (5)
Eduard Harris, Advanced Aircraft Sys. (5)
Martin R. Frith Jr., Assy. Methods & Plnng. (6)
Roy V. Butler, Assy. Tool. & Handl. Equip. (6)
Robert C. Small, Corp. Instru. Sys. (7)
Richard A. Benedict, Flt. Avionics (8)
Hector A. St Denis Jr., Flt. Avionics (8)
Alfred M. Christenson, Maint-Rearrangement (12)
Michael L. Napoleon, Electron. Test (14)
Robert G. Rennie, Advanced Space Sys. (25)
Charles W. Doyle, Prog. Contracts (25)
Dennis Pettingill, DOD A/C Prog. Staff (25)
Eugene A. Lynch, Gen. Subcontracts (30)
Charles P. Kelly Jr., Sys. Eng. M/S (35)
Vincent G. Vanecek, Computer Des. (40)
Garrett T. Byrnes, QC Quality Eng. (40)
Barry F. Borbet, Mfg. Reqts. Plnng. (43)
Alfred T. Bergen Jr., Insp. Elect. (43)

15

David W. Evans, Prototype (1)
Earl Dean Jr., Hydraulics (1)
Ernest R. Kiesling, Join & Mid. Mod. Install. (1)
Walter O'Neil, Final Assembly (1)
Dorothy M. Stellges, Elect. Fab. (1)
Charles W. Cammer, Prod. Cntl-Parts Cntrl. (1)
Gerard S. Pless Jr., Stockrooms (1)
Douglas M. Coons, Stockrooms (1)
Lewis F. Cotignola, ILS Resource Control (1)
Raymond J. Capelluto, ILS RF/Controls (1)
William M. Blind, Maint-Rearrangement (1)
John J. Shady, Maint-Facil. Equip & Gen. (1)
Willie Paschall Jr., Press (2)
John H. Wittemann, Heat Treat (2)
David C. Robertson, Prototype (2)
John Covais, Controls (2)
Vincent L. DeAngelis, Mech. Struct & Proto (2)
Edward C. Tekieniewski, Hull Assy. (2)
Frederick Bremen, EBW-Final Assy. (2)
John E. Campbell, Matl. Offsite Supp. Cntl. (2)
Anthony R. Buscaglia, Vehicle Liaison Eng. (2)
Arthur W. Bissett, Convent. Machs. (3)
John F. Kwiatkoski, Convent. Machs. (3)
Daniel J. Meder, Convent. Machs (3)
Michael Finn, Parts Paint (3)
Ralph Sepulveda, Assemblies (3)
John H. Solliday, Mach. Oper-Parts Ctl. (3)
William M. Goett, Mach. Oper-Parts Ctl. (3)
Joseph H. Glasser, Maint-Rearrangement (3)
Joseph Jeczewski, Flt. Avionics (4)
Thomas R. Walsh, Sys. Test/Flt. Integ. (4)
John P. Matthews, Repair Cntrl. (4)
Calvin A. Graham, Static Test (5)
Nicholas G. Costello, Instr. Test (5)
Eugene P. Ericson, Supp. Equip. Prod. (5)
A Laing, Support Equip. Prod. (5)
George D. Haraden, Mgmt & Staff (5)

(Continued on page 10)

Paradise for geese

If geese could talk, they'd be spreading the word: Grumman is an ideal place to raise a family.

For years now, the company has been waging a losing battle against the geese and seagull population in Bethpage. Gulls and geese who enter the flight patterns at the airport can pose serious hazards. Now that the warm weather is here, the call is out once again for lunching Grummanites not to litter the area surrounding the airport; the birds love to snack on leftover bologna sandwiches and Twinkies.

After years of trying to rid the Bethpage area of these feathered beasts, the company finally decided to concentrate on discouraging the birds from lodging around the airport areas. In turn, Grumman set up a special hideaway for vacationing geese at the sump across from Plant 14. Hence, the "Warning: Wildlife Area" sign was posted.

Grummanites are asked to tell any geese hanging around the airport to move their homes over to the Plant 14 wildlife preserve.

Home, sweet home. *Across from Plant 14, a family of geese decide that Grumman is a great place to settle down.*

service milestones

(Continued from page 9)

Floyd Dockery, Maint-Facil. Equip. & Gen. (5)
James J. Protus, Operations (5)
Raymond H. Geminski, Instr. Test (6)
James A. Gallagher, Govt. Matl. Cntrl. (6)
Nelson A. Blanding, Govt. Matl. Cntrl. (6)
James E. Mayer, Maint. (6)
James F. Bollinger Jr., Indust. Safety/ Hygiene (6)
Daniel Daviduk, Elect. Install. (6)
Madeline Cicoira, Prod. M/S (6)
William J. Kirby, Matl. Coord. (6)
Richard A. Bauman, Mech. Sys. Prod. Supp. (6)
Raymond Rodriguez, Flt. Dev. Ops. (7)
Charles J. Freeley, Flt. Ops. Insp. (7)
Dennis Foy, Flt. Avionics (8)
Howard E. Hulse, Flt. Avionics (8)
Joseph T. Fegyveresi, Matl. Mgt. (8)
Willie Jackson, Maint. (12)
Louis J. Garibaldi, Maint-Facil. Equip. & Gen. (12)
William H. Fenn, Maint-Indust. Cntrl. (12)
John J. Fagan, Meas. Stds. (12)
Thomas Georges Jr., Electron. Test (14)
Stanley J. Laskowski, Electron Test (14)
Vincent N. Skittone, ILS Tech. Illus. (15)
Robert J. Jump, B/P Warehouses (17)
Melvin G. Griffith, Central Shipping (17)
Kenneth J. Lettang, B/P Warehouses (21)
Charles T. Saunders, Rec-Insp. (24)
Harry V. Beauchamp, Rec-Insp-Mach. Parts (24)
Edgar B. Lewis, Sys. Cost/Perform. (25)
William J. Flanagan, Invent. Plan (30)
Donald F. Grieser, Inventory Plan (30)
Kevin B. Wall, ILS Prog. Controls (30)
Walter Nealy, Maint. (30)
Alwyn L. Day, Property Accounting (30)
Edward J. Long, ILS Log. Sys. (35)
Fancher B. Wakefield, Fluid Pwr/Pyrotech. (35)
Victor H. Pellicione, Reliab. Maint & Safety Staff (35)
Thomas T. Kassal, Aerophysics (35)
George Katz, Prog. Contracts (35)
Martin Schreck, ILS Electron. Pack. (40)
John L. Perschy, Cust. Supp. Reqts. Mgt. (40)
William A. Schlitter, Tech. Reqts. (40)
John Bohun, Electro-Mech. Lines (40)
Donald R. Peters, Operations (40)
Joseph Granata, Specifications (40)
Armando Gallo, Config. Data Mgmt. (40)
Edward J. Hafner, Loads & Criteria (43)
Edward C. Westermann, Ep. Circ. & Mod. Fab. (43)
Walter A. Burt, Elect. Box Pan & Draw Fab. (43)
Johanna G. Conners, Prod. Supv. (43)
John J. Snyder, Prod. Cntrl. (43)
Andrew M. Heidecker, Plnng. & Anal. (43)
Walter Piatkowski, Maint-Facil. Equip. & Gen. (44)
Clemon Wellington, Elect. Harn Fab. (44)
Pellegrino Zollo, Elect. Cable Fab. (44)
Donald M. Atkinson, Invent. Mgt. (44)
Vincent A. Caputo, Operations (72)
William F. Beauregard, Boeing-Sub. Assy. (77)
John T. McDonald, West Coast Procurement (87)
Thomas Giannetti, Engineering (88)
Stanley A. Rasanen, Avionics Sys. Test (89)

March anniversarians

Ann Moser, Prod. Release & Anal. (2)
Walter C. Hann, Jig Details & Sub-Assy. (2)
Dorothy L. Bachota, Tool Cntrl. (2)
Armand Festa Jr., Trans-Ops. (2)
Charles A. Watkins, Food Serv. (2)
Theresa P. Grinkovitch, Food Service (2)
Albert R. Schmidt, Convent. Mach. (3)
John R. Harms, Convent. Mach. (3)
Salvatore Fico, Convent. Mach. (3)
Joseph R. Zeman, Convent. Mach. (3)
Werner Gaede, Convent. Mach. (3)
Robert A. Gehnrich, Small Parts Fab. (3)
Clarence Sydnor, Details (3)
Albert Colucciello, Honeycomb Prep. (3)
John Sobocinski, Mach. Op-Tech. Serv. (3)
Winston M. Clark, Elect. Test (4)
Francis A. Damis, Flt. Avionics (4)
George W. Kern Jr., Syst. Test/Flt. Integ. (4)
August C. Millang, Final Assy. Struct. (5)
James R. Toia, Support Equip. Prod. (5)
Frank J. Lodato, Support Equip. Prod. (5)
Kenneth J. Hansen, Envir. Ctrl & Test (5)
William J. Dispennette, Envir. Ctrl & Test (5)
Peter M. Neglia, Presentations Serv. (5)
Barry A. Smith, Struct. Test (5)
Bernard Kovit, Cust. Reqts. (5)
James E. Bourne, Resources M/S (5)
Robert J. Gray, Maint-Facil. Equip. & Gen. (6)
Joseph M. Nettles, Pl. Protection (6)
Rolland F. Rogers, Structures (6)
Karnig J. Keurajian, Structures (6)
George E. Sadecki, Matl. Handl/Stor. (6)
William J. Krueger, Repair Cntrl. (6)
John J. Garley, Config. Data (6)
Bruce K. Towell, Trans-Ops (7)
Robert J. Fredette, Sys. Eng. Proj. Eng. (7)
John C. Borkowski, Production M/S (7)
John R. Belluardo, Lab. Ops. Inspect. (7)
Einar Hoel, Adv. Matl. & Process Dev. (12)
Pasquale A. Ceraso, Meas. Stds. (12)
Richard G. Derrigan, Meas. Stds. (12)
Dorothea J. Keegan, Elect. Test (14)
Belle Melito, Elect. Test (14)
Howard W. Hertel Jr., Elect. Test (14)
Anthony Geraci, Software Supp. (14)
Frederick F. Schnettler, B/P Warehouses (17)
Gasper A. Liotta, B/P Warehouses (17)
Raymond J. Whelan, Central Shipping Handl. (17)
William C. Jennings, Stockrooms (21)
Stanley W. Sherman, Struct. Des. (25)
Charles J. Goodwin, Des. Eng. Proj. Eng. (25)
Joseph C. Nieves, Prog. Contracts (25)
Jeannette F. Ullmeyer, Prog. Mgmt F-14A (25)
George E. Freeman, Research (26)
Joseph R. Sousa, Employment (28)
Laura Lou T. Lenzo, Substitute Secretarial Prog. (28)
Harvey R. Murtaugh, Invent. Plan & Anal. (30)
Sheldon S. Buckwald, Elect. Eng. Pwr/ Ctrls. (30)
Amos Fenn, Maint-Facil. Equip. & Gen. (30)
Jean A. Boudreau, Guid. & Cont. Sys. Inte. (35)
Robert M. Misita, Research Tech. Supp. & Ops. (35)
Leslie L. Karafiath, Matl. & Struct. Mech. (35)
Kenneth M. Foreman, Fluid Dynamics (35)
Lorraine McNamara, Field Ops. Serv. (35)
Lillian S. Gorlitz, Ops. Qual. Mgmt. & Admin. (35)
George M. Walsh, Prog. Contracts (35)
Frank T. Calderone, Prog. Contracts (35)
Madeline Claro, Instruct/Anal. (39)
Stanley P. Kropp, Instruct/Anal. (39)
Charles A. Nicita, ILS Equip. Tech. Mgt. (40)
Joseph W. Bruce Jr., ILS Resource Cntrl. (40)
Gilbert J. Glaser, ILS Verif. & ILS Supp. (40)
Bernard J. Poelker, ILS Elect. Eng. (40)
Johnnie C. Woods, ILS Elect. Eng. (40)
Anthony T. Carbone, ILS Sys. Des. Eng. (40)
Eugene Sirota, ILS Verif. & ILS Supp. (43)
Donald S. Buchheim, Mech. Struct. & Assy. (43)
Alfred C. Camberlange, Mech. Detail & Fin. (43)
Louis H. Burnor, Circuit Anal. (43)
Kenneth Williams, Elect. Fin. Assy. (43)
Michael Furr, Avionics Syst. Test (43)
Dorothy J. Bieler, Ep Circ & Mod. Fab. (43)
Joseph B. Fasso, Elect. Box Pan & Draw Fab. (43)
Salvatore S. Trezza, Elect. Box Pan & Draw Fab. (43)
Marion G. Phifer, Elect. Box Pan & Draw Fab. (43)
Bernice Waterman, Prod. Supv. (43)
Francis K. Grunenberg, Prod. Supv. (43)
John J. Perweiler, Plnng & Anal. (43)
Walter R. Kelly, Elect. Box & Pan Fab. (44)
Myrtice J. Holland, Prod. Supv. (44)
Paul A. Meisenholder, Invent. Mgt. (44)
George E. Stefenelli, Invent. Mgt. (44)
Charles B. Kelley, Prod. Mgmt Ops/Staff (77)
Victor F. Scaringe, F-14 Final Assy. (77)
Thomas E. Ruff, Avionics (77)
Richard W. Hoens, F-14 Aft. Sect. Assy. (77)
Richard W. Engelbart, Prog. Contracts (77)
LeRoy K. Kullman, Production (79)
Harold T. Scholl, Production (80)
Carlos Ramos, Tanks & Ducts (86)
Gerald J. Strobel, Production (88)
Eugene G. Doka, Cust. Supp. Reqts. Mgt. (89)
George Brown, Maint-Facil. Equip. & Gen. (111)

Hoopsters open it up in eastern regionals

'Only wish we could have brought home all the marbles'

With Grumman's champion Industrial basketball team wrapping up its playoffs, some other Grumman guys had brought a new team to the courts of the Glen Cove Open League.

This is the first year that Grumman has fielded two basketball teams, and the team in the Open League is following in the veteran team's footsteps.

Not only did the Open team finish second in the league championship, after an 11-3 regular season record, but they also distinguished themselves by finishing second in the grueling Eastern States Industrial Recreation Association basketball championships. The tournament was held this year in Valley Forge, Pennsylvania, on the weekend of March 28-29. For Grumman's 14 players and coaches, it was no two days off.

"This was the first tournament we'd been to," says coach Ron Knight, "and all the teams were tough." But hard-nosed basketball by the Grummanites, and the luck of the draw, made the other 25 teams take note of the new team in town.

"We drew the fifth position," explains Knight, which meant that Grumman would skip a step in the elimination tournament. It gave them extra time to rest between their first and second games and it paid off.

The team played its first game at 9:30 on Saturday morning. Sun Oil of Philadelphia was its victim, by a 81-75 score.

Meanwhile, Philadelphia Post Office was knocking off New York's Merrill Lynch. With that win they went on to play the next round of the tournament, while the Grummanites rested.

At 3 p.m., with the second win in their pocket, the postmen faced Grumman.

"It's a punishing tournament," according to Knight. And the punishment had its effect on the powerful Philly team. They fought Grumman hard, but the game went into overtime and to Grumman. The score was 100-95.

Sunday began the way Saturday had ended. By winning their morning game against Republic Steel, the Grummanites were in the final round.

"If you saw the NCAA championship game," says Recreation's Mike Cherry, "you know how our championship game went."

Grumman was up against Stanadyne of Hartford, Connecticut. "They were good, and they had been in the tournament four years in a row," says Knight.

He describes the game. "We were up by 14 points in the first 10 minutes. Then, Stanadyne fought back to where we were one point down at the half, and it see-sawed the rest of the way."

Stanadyne finally won by an 84-76 score.

"Our guys played great basketball. We only wish we could have brought home all the marbles."

But they had made their mark, Knight says. "Nobody knew us when the tournament began.

"They know who we are now."

Shooting stars. *The members of Grumman's 'Open' basketball team are (kneeling, L to R): Mark Cleary, Leroy Whethers, Columbus Poole, and Gene Cromwell; (standing) coaches Russ Goss and Ron Knight, Larry Tarvin, Gerald Butler, Nathaniel Kelly, Larry Bates, Richard Washington, and Haywood Hammond. Not present for the photo were: team captain Jim McKinstry, Paul Knoph and Glenn Nichols.*

calendar

AIAA: Wed., May 27, Antun's, Hicksville, 5:30 p.m. 50th Anniversary of Aviation. Guest speaker will be Dr. John Bertin. Guests welcome. S. Winkler, Ext. 4420/ J. Kohn, Ext. 9744

ASHRAE: Tues., May 12, SUNY Farmingdale, 6 p.m. Guests welcome. A. Rubenstein, Ext. 2317

CBI Vets Association: Tues., April 28, Recreation bldg., 5 p.m., Guest speaker will be Kurt Rosenbaum. W. Pytlowany, Ext. 2939/R. Fong, Ext. 2484

Coin Club: (Bethpage) Wed., May 13, Plant 25 vendor conference rooms, 12:05 p.m. Informal lunchtime meeting. K. Hale, Ext. 3717

Computer Club: Mon., May 4, Recreation bldg., 5 p.m. Regular business meeting. Guests welcome. I. Tish, Ext. 4783/ 5471

GACE Flying Club: Mon., May 11, Recreation bldg., 5 p.m., regular monthly meeting. Guests welcome. R. Reisch, Ext. 5967

Grumman Cycle Touring Club: Mon., May 4, Knight Club, Hicksville, 5 p.m. Schedule trips and business meeting. Guests welcome. T. Beckman, Ext. 8994

Grumman Disabled American Vets Club: Wed., May 20, Plant 3 cafeteria, 4 p.m., business meeting. Members only. T. Melia, Ext. 4750

Grumman Toastmasters Club: Wed., May 6 and Wed., May 20, Plant 111 buffeteria, 5 p.m., regular meeting. C. Peterson, Ext. 4920

Klown Klub: Tues., May 12, Recreation bldg., 4 p.m. Beginners welcome. E. Murway, Ext. 4393

LI L-5 Society: Tues., April 28, Merrick Library, 7 p.m. Regular meeting. Guests welcome. P. Levitt, Ext. 9723

Motorcycle Club: Wed., May 20, Recreation bldg., 5 p.m. Guests welcome. Sat., April 25: first ride of the season. The club will meet at the Great River facility at 9 a.m. and ride to Montauk Point. Sun., April 26: picnic at Heckscher State Park. Admission is $3.00 per person and must be paid in advance. K. Mann, Ext. 5195/B. Coutieri, Ext. 4828

Theater Guild: Tues., May 5, Recreation bldg., 5 p.m. Grumman employees only. F. Varga, Ext. 3152

Advice to joggers: run on the safe side

Joggers who forget that they are also pedestrians risk having a serious run-in with a motor vehicle.

A study of jogger-and-car accidents conducted by the Insurance Institute for Highway Safety found that more than half of the reported collisions — and two-thirds of the fatal accidents — took place during non-daylight hours. More often than not, joggers were struck while running in the same direction as vehicles. In a substantial number of collisions, two or more persons were jogging together.

Runners are urged to jog defensively and not to succumb to a false sense of "jogger's immunity" on the roadway. Here are some safety tips:

- Try to jog during daylight hours. If you do run at night, wear light-colored and reflective clothing.
- Run on the sidewalks where possible.
- Where there are no sidewalks, jog on the left facing traffic. In this way, oncoming cars can be observed — and avoided.
- Run on the shoulder or close enough to the edge of the road so that vehicles in the nearest lane do not have to alter their paths.
- When running with others, jog in single file.
- Remember the "basics": cross only at corners, watch for turning cars, look both ways before crossing.
- Don't make assumptions about what a driver might do, especially at intersections with right or left turn-on-red.
- Don't run out of patience when waiting to cross a road. Learn to run in place until you can resume jogging safely.

(Courtesy of the Automobile Club of New York)

Toast of the town

Andrea King had everyone's ear at the Toastmasters Club's annual speech contest on March 11. She also had their votes.

King, of Plant 30, Procurement, won the contest with a speech entitled, "Equality: Parent and Offspring." "I proposed some new ideas in it," she says. At least one of the parents in her audience thought so, too, and took home a copy of her speech.

King credits her career growth as a buyer to joining the Toastmasters. It has helped her develop confidence, she explains, especially when making presentations. She didn't have such success before. "Every time I would stand up in front of a group," she says of her experiences in speech classes, "I would cry."

scorecard

Mighty Massey

It was a battle to the end but, in the end, George Massey prevailed over Frank Castiglione to win the 1981 Pocket Billiards tournament, held April 2 at House of Lords billiards.

Massey, who retired from Grumman in 1977, had to ward off a strong comback by Castiglione to win his third title.

Massey took the first game of the best-of-seven elimination by a 100-88 score. Castiglione came

George Massey

back, however, to deadlock the playoffs with an identical 100-88 win.

The final game could have gone either way. But, when the hundreth ball was sunk, it was Massey who dropped it into the pocket. Castiglione lost by nine balls.

Massey, who says he's only missed one year since the tournament began in 1961, feels he was lucky to win. "Frank is a hell of a good shooter. I think he probably had one of those nights."

Scotch in July

On this Recreation department trip they'll be serving Scotch at your destination. But first, you'll follow "country roads" through the Blue Ridge Mountains and the Shenandoah Valley. The destination of this trip, which runs from Thursday, July 9 through Tuesday, July 14, is the Grandfather Mountain, North Carolina, Highland Games and the Gathering of the Scottish clans.

Some of the games you'll see are: Turning the Caber (they throw the KAY-ber, a large pole) and Tossing the Sheaf (a sheaf, in this case, is a bale of hay). There will also be plenty of piping and drumming and colorful tartans. (And plenty of thanks to retiree Joe Thompson — one of the 10 clan chiefs in the country — for translating the names of the games.)

You will also have the opportunity to go to the Highland Worship Service on Sunday, or go to Tweetsie Railroad, a family fun park.

In addition, there will be tours of Luray Caverns and Hershey's "Chocolate World" on the way home.

The cost of this five-day bus trip is $298 per person based on double occupancy; $373 for single occupancy; and $278 for triple occupancy.

To reserve your seat you must attend the sign-up meeting on Tuesday, May 26, at 5:30 p.m. in Plant 28A. Full payment is required then.

For more information, call Ellen Drasser, Ext. 2133.

Time to sign up

The annual meeting of Grumman shareholders is scheduled for 2 p.m. on Thursday, May 21, in Plant 4. Starting April 13, Bankers Trust Company, trustee for the Grumman Employee Investment Plan, began mailing Plan members proxy statements and confidential cards for voting at the annual meeting, says Bob Bradshaw, Grumman Corporation secretary.

Employees are asked to return the completed cards by May 7 to Bankers Trust Company in the self-addressed, postage-paid envelopes that will accompany the proxy statements.

Because Grumman shares obtained through the Investment Plan are held in trust for each individual member, being a Plan member does not automatically entitle participants to attend the annual meeting, says Bradshaw. Only those persons owning shares of record — that is, shares purchased outside the Investment Plan prior to the record date of April 1, 1981 are eligible to attend.

Grumman personnel who own company shares as of the record date (April 1, 1981) and who wish to attend the meeting should preregister at any office of Employee Services before May 8. (*Do not hand in proxy card to ESO. Mail in return envelope provided.*)

What's your E.Q.?

Here's one contest where you don't have to collect box tops or bottle caps. All you have to do is pick your brain.

This month, Grumman Energy Conservation Services department is sponsoring an energy quiz for all Grumman Aerospace employees and their families. To enter, pick up the quiz forms at your Employee Services office, fill in the correct answers and mail to Larry Merrill, B08-30.

Correcto!

The quiz is designed to test your E.Q. (Energy Quotient) about saving energy at work and at home. All contestants who answer the 10 questions correctly will be eligible for the prize drawing.

The Energy Conservation Services group will be giving away the following: three men's or women's lightweight 10-speed touring bicycles (your choice of size); five "weather stations" consisting of a thermometer, barometer and humidity meter; and 12 desk sets, complete with a digital thermometer, perpetual calendar and ballpoint pen.

Personals

(Continued from page 4)

We wish to express our deep and sincere appreciation for the kindness, generosity, sympathy and understanding shown by my co-workers and friends during the recent loss of our father. Francis and Louis Loiacono

On behalf of my family and myself I wish to express my deep gratitude to all of my co-workers for their kind expressions of sympathy and thoughtfulness during the recent loss of my mother. Joe Giarraputo and Family

I would like to thank all of my fellow workers who helped make my retirement parties a great success. A special thanks to all my friends who worked very hard arranging these parties. I'll miss all of you. Dot Barber

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Vol. 40, No. 8, April 24, 1981. Bethpage, N.Y. 11714